

18351
U.S. PTO
013004

Express Mail Number: EL984584060US

Date Deposited: 01/30/2004

APPROVED
for
PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT #04-1700

DUNLAP, CODDING & ROGERS, P.C.

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	5920.002
First Inventor	Lijun Xia et al.
Title	HEMATOPOIETIC STEM CELLS TREATED BY IN VITRO FUCOSYLATION AND METHODS OF USE
Express Mail Label No.	EL984584060US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 53]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description -Redline Specification pgs
 - Claim(s) -Clean Specification pgs
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Appl., Comm. for Patents
PO Box 1450
Alexandria, VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

- ACCOMPANYING APPLICATION PARTS
9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other. SEE BELOW

18. This application is:

Continuation Divisional Continuation-in-part (CIP)

Prior application information: Examiner _____

of prior application No.: _____ / _____

Group Art Unit: _____

As a CON, DIV, or CIP, this application contains one or more changes to (1) the specification; (2) drawings; or (3) claims in the above-identified prior application. A red-line version of the application showing these changes will be made available to the examiner upon request.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	30589	or <input type="checkbox"/> Correspondence address below			
(Insert Customer No. or Attach bar code label here)					
Name	Dunlap, Codding & Rogers, P.C.				
	P. O. Box 16370				
Address	Attn: Christopher W. Corbett				
City	Oklahoma City	State	OK	Zip Code	73113
Country	USA	Telephone	(405) 607-8600		Fax (405) 607-8686

Name (Print/Type)	Christopher W. Corbett	Registration No. (Attorney/Agent)	36,109
Signature			Date 1/30/04

SEND TO: Mail Stop Patent App
P.O. Box 1450
Alexandria, VA 22313-1450

17) 1. Utility Patent Application Transmittal (1 page); 2. Fee Transmittal (1 page) Authorizing the Commissioner to charge indicated fees of \$1,074.00 (which include Utility filing fee of \$385.00, Extra Claim fee of \$649.00, and Recordation of Assignment fee of \$40.00) or any additional fee required and/or credit any overpayments to Deposit Account Name Dunlap, Codding & Rogers, P.C.; 3. Patent Application Fee Determination Record (1 page); 4. Executed Power of Attorney or Authorization of Agent and Certificate Under 37 CFR 3.73(b) (2 pages); 5. Assignment including Recordation Cover Sheet (3 pages); (B) 73 Claims (13 pages); (C) Abstract (1 page); 7. Executed Declaration for Utility or Design Patent Application (2 pages); 8. Petition to Accept Color Drawings (2 pages); 9. Formal Drawings with labels (11 sheets) (identifying indicia in the top margin of each sheet); 10. Information Disclosure Statement (3 pages); 11. Form 1449 (modified) (3 pages); 12. Copies of Cited Art; and 13. Return receipt postcard

013004
10351Express Mail No.: EL984584060US
Date Deposited: 01/30/2004APPROVED
for
PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT NO. 04-1700Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**FEE TRANSMITTAL
for FY 2004**

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,074)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Lijun Xia et al.
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	5920.002

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	04-1700
Deposit Account Name	Dunlap, Codding & Rogers, P.C. Customer No. 30589

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee either to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	385
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$ 385)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
				** = 53 X 9	\$477
73	7		** = 4 X 43		\$172
				= \$0	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 649)		

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051 130	2051 65	1053 130	1053 130	Surcharge - late filing fee or oath	
1052 50	2052 25	1812 2,520	1812 2,520	Surcharge - late provisional filing fee or cover sheet	
1804 920*	1804 920*	1805 1,840*	1805 1,840*	Non-English specification	
1805 1,840*	1805 1,840*	1805 1,840*	1805 1,840*	For filing a request for ex parte reexamination	
1251 110	2251 55	1252 420	2252 210	Requesting publication of SIR prior to Examiner action	
1253 950	2253 475	1254 1,480	2254 740	Requesting publication of SIR after Examiner action	
1255 2,010	2255 1,005	1401 330	2401 165	Extension for reply within first month	
1402 330	2402 165	1403 290	2403 145	Extension for reply within second month	
1404 950	2404 475	1451 1,510	1451 1,510	Extension for reply within third month	
1405 1,480	2405 740	1452 110	2452 55	Extension for reply within fourth month	
1406 2,010	2406 1,005	1453 1,330	2453 665	Extension for reply within fifth month	
1407 330	2407 165	1501 1,330	2501 665	Notice of Appeal	
1408 330	2408 165	1502 480	2502 240	Filing a brief in support of an appeal	
1409 290	2409 145	1503 640	2503 320	Request for oral hearing	
1410 1,510	2410 1,510	1504 1,330	2504 665	Petition to institute a public use proceeding	
1411 110	2411 55	1505 1,330	2505 665	Petition to revive - unavoidable	
1412 1,330	2412 665	1506 480	2506 240	Petition to revive - unintentional	
1501 1,330	2501 665	1507 640	2507 320	Utility issue fee (or reissue)	
1502 480	2502 240	1508 130	2508 130	Design issue fee	
1503 640	2503 320	1509 130	2509 130	Plant issue fee	
1504 130	2504 130	1510 130	2501 665	Petitions to the Commissioner	
1505 130	2505 130	1511 50	2502 240	Processing fee under 37 CFR 1.17(q)	
1506 50	2506 50	1507 180	2507 180	Submission of Information Disclosure Stmt	
1508 180	2508 180	1509 40	2509 40	Recording each patent assignment per property (times number of properties)	
1510 770	2510 385	1511 770	2511 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1512 770	2512 385	1513 770	2513 385	For each additional invention to be examined (37 CFR 1.129(b))	
1514 770	2514 385	1515 770	2515 385	Request for Continued Examination (RCE)	
1516 900	2516 900	1517 180	2517 180	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Christopher W. Corbett	Registration No. (Attorney/Agent)	36,109	Telephone (405) 607-8600
Signature	<i>Christopher W. Corbett</i>		Date	01/30/2004

EXPRESS MAIL NO.: EL984584060US
Deposited On: January 30, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : Not Yet Assigned **Confirmation No.:** N/A
Applicant(s) : Lijun Xia and Rodger P. McEver
Filed : Herewith
TC/A.U. : Unknown
Examiner : Unknown
Title : **HEMATOPOIETIC STEM CELLS TREATED BY IN VITRO FUCOSYLATION AND METHODS OF USE**

Docket No. : 5920.002

Customer No. : 30589

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450**

**PETITION TO ACCEPT COLOR DRAWINGS OR PHOTOGRAPHS
(37 CFR § 1.84(a)(2) AND (b)(2))**

1. This Petition is for the acceptance of color:

drawings. (37 CFR § 1.84(a)(2))

photographs (37 CFR § 1.84(b)(20))

2. Attached hereto are three (3) sets of color:

drawings.

photographs.

02/06/2004 MMKONEN 0000004 041700 10769686

01 FC:1460 130.00 DA

3. The reason(s) for the need for color drawings or photographs in this application is/are as follows:

Data points in Figure 3 are differentiated via color.

4. The petition fee required to waive the requirement of § 1.84 (37 CFR § 1.17(i) - \$130.00) is paid as follows:

Attached is a

check

money order

in the amount of \$_____.

Authorization is hereby made to charge the amount of \$130.00

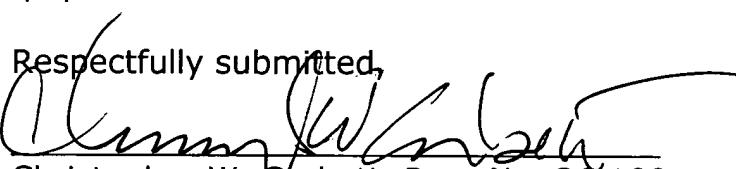
to Deposit Account No. 04-1700

to credit card as shown on the attached credit card information authorization form PTO-2038.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

Respectfully submitted,



Christopher W. Corbett, Reg. No. 36.109
DUNLAP, CODDING & ROGERS, P.C.
P.O. Box 16370
Oklahoma City, Oklahoma 73113
(405) 607-8600 - telephone
(405) 607-8686 - telefax

Agent for Applicants